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UNITED STATES DEPARTMENT OF AGRICULTURE Agricultural Marketing Service

Cooperating with

MICHIGAN DEPARTMENT OF AGRICULTURE

Bureau of Agricultural Industry

AGRICULTURAL ECH YOME.

MICHIGAN CORN

Estimated Planted Acreage, Yield, and Production

1928 - 1939

By Counties

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CORN PRODUCTION IN MICHIGAN, 1928-1939 By Counties

The area devoted to corn in Michigan normally comprises about 20 percent of total field crop acreage. Nearly all of the crop is consumed on the farms where grown and the small percentage sold is utilized within the State. In addition, considerable quantities are shipped into the State in most years. Corn prices average higher than in surplus producing States by an amount at least equal to transportation and handling costs. Although yields are lower on the average, the value of production per acre is often greater than in the leading corn States, and corn is considered a profitable crop for the farmers of southern and western Michigan.

While yields are generally highest in the extreme southern counties, good yields are also obtained in many other counties. The area best adapted for corn growing embraces Crop-Reporting Districts 4, 5, 6, 7, 8, and 9, and the counties bordering on Lake Michigan in District 2; approximately 94 percent of the State's corn acreage is located within this area. The average length of growing season, as measured by the interval between the average date of last killing frost in spring and the first in autumn, is 163 days for this area as a whole.

The acreage of corn in Michigan has remained relatively stable during the past 40 years, much of the time it having been between 1,500,000 and 1,600,000 acres. Fluctuations have been associated chiefly with changes in livestock population. The acreage exceeded 1,700,000 acres in most of the years from 1914 to 1922, which was followed by a downward trend that reached its low point of 1,197,000 acres in 1929. A sharp increase to 1,512,000 acres occurred in 1931 and since then the acreage has remained around the normal level.

During the 12-year period for which county estimates are shown in this report, yields were 5 bushels or more above the 12-year average in 1932, 1935, 1937, 1938, and 1939. The other years of the period were generally deficient in moisture during the critical months of growth; yields were considerably below average in the unusually dry seasons of 1929, 1930, 1934, and 1936. The use of hybrid seed corn began at a later date than in some of the other States. From the best information available, approximately 10 percent of the State's acreage was planted with hybrid seed in 1939 and 18 percent in 1940. While this development has not as yet importantly affected the average yield on total acreage, it has resulted in a higher average for the group of farms using that type of seed. With the further development of seed adapted to climatic conditions in Michigan, its use is expected to become rather general, in which event a relative increase in average corn yields may be expected.

Between 75 and 80 percent of the total acreage is husked for grain. The percentage used for silage varies from about 13 to 18 percent, depending more or less upon the yield of silage in different years. The remainder is cut for forage, hogged down, and pastured. The estimated total production of corn as shown in this report is intended to represent the equivalent quantity of corn produced on the total acreage regardless of the method of utilization. This average equivalent yield usually ranges from 1.0 to 2.0 bushels below that obtained from the acreage harvested for grain, as the potential yield on silage and forage acreage is several bushels less than the yield on acres of normally matured grain.

With no annual farm census in Michigan, such as is available in many other important agricultural States, considerable difficulty is encountered in preparing satisfactory county estimates. The data herein are based upon available information from the United States Census taken every fifth year, reports obtained through sample surveys by the Michigan Co-operative Crop Reporting Service from its crop correspondents, and, in very recent years, compilations of data made by the Agricultural Adjustment Administration.

The Agricultural Marketing Service has supplied much basic data for the administration of the various Federal crop adjustment programs, and a considerable portion of such information involved the preparation of county estimates. A growing need for county statistics is evidenced by the increasing number of requests being received. Now that a 12-year series is available for corn, it is believed that the publication of the data will serve many useful purposes and that State and Federal officials, extension workers, educational institutions, and the general public will find this compilation useful for study and future reference.

Verne H. Church Senior Agricultural Statistician

Cecil J. Borum Agricultural Statistician

Manfred L. Lowe Regional Truck Crop Statistician for Indiana, Ohio, and Michigan



		1928			1929	
District and county	Acreage planted for all purposes	Yield per planted acre	Total production	Acreage planted for all purposes	Yield per planted acre	Total production
	Acres	Bushels	Bushels	Acres	Bughele	Bushels
75.077.07					*	
DISTRICT I						
Alger Baraga	30	23.0	690	40	26.4	1,060
Chippewa	30	26.0	780	30	29.8	890
Delta	1,000	21.3	21,300	1,130	21.1	23,840
Dickinson	500	10.5	5,250	530	10.0	5,300
Gogebic Houghton	110 100	19.0	2,090	120	22.9	2,750
Iron	60	19.2 19.8	1,92 0 1,190	100	21.0 23.7	2,100 1,420
Keweenaw	-	-	-	_	2007	-
Luce	100	26.1	2,610	100	33.6	3,360
Mackinac	20	23.0	460	20	27.3	550
Marquette	100	17.0	1,700	100	19.0	1,900
Menominee Ontonagon	3,900 40	24.2 16.0	94,380 640	4,360	27.9 14.5	121,640 580
Schoolcraft	10	20.0	200	10	17.8	180
Total	6,000	22.2	133,210	6,640	24.9	165,570
DISTRICT II						
Antrim	6,400	29.4	188,160	5,040	26.8	135,070
Benzie	3,800	21.5	81,700	2,990	19.5	58,300
Charlevoix Emmet	4,600 3,600	33.0 29.0	151,800 104,400	3,570 2,820	33.7 26.7	120,310 75,290
Grand Traverse	10,700	21.5	230,050	8,460	18.7	158,200
Kalkaska	4,500	23.5	105,750	3,560	22.3	79,390
Leelanau	7,000	24.5	171,500	5,480	26.3	144,120
Manistee	9,500	24.0	228,000	7,480	17.7 19.1	132,400
Missaukee Wexford	7,500 8,400	23.0 22.5	172,500 189,000	5,900 6,630	18.9	112,690 125,310
"EZIOIU		22.00				150,010
Total	66,000	24.6	1,622,860	51,930	22.0	1,141,080
DISTRICT III						
Alcona	670	20.9	14,000	520	26.2	13,620
Alpena	960	21.5	20,640	750	27.0 26.9	20,250 40,890
Cheboygan Crawford	1,900 360	24.2 26.0	45,980 9,360	1,520 280	29.2	8,180
Iosco	2,000	25.1	50,200	1,560	27.7	43,210
Montmorency	650	24.6	15,990	500	29.0	14,500
Ogemaw	3,600	23.0	82,800	2,840	23.2	65,890
Oscoda	410	18.3	7,500	310	16.2 29.5	5,020 36,290
Otsego Presque Isle	1,500 650	25.6 21.2	38,400 13,780	1,230	24.0	12,240
Roscommon	300	27.8	8,340	230	30.7	7,060
Total	13,000	23.6	306,990	10,250	26.1	267,150
DISTRICT IV						
Lake	3,000	26.0	78,000	2,770	17.6	48,750
Mason	8,400	26.3	220,920	7,740	18.1 23.0	140,090 214,590
Muskegon Newaygo	10,200 15,300	30.1 30.5	307,020 466,650	9,330 14,040	23.0	294,840
Oceana	12,100	28.4	343,640	11,050	19.6	216,580
Total	49,000	28.9	1,416,230	44,930	20.4	914,850

	1928			1929			
District and county	Acreage planted for all purposes	Yield per planted acre	Total production	Acreage planted for all purposes	Yield per planted acre	Total production	
	Acres	Bushels	Bushels	Agres	Bushels	Bushele	
DISTRICT V Clare Gladwin Gratiot Isabella Mecosta Midland Montcalm Osceola Total	4,500 6,100 37,300 20,400 15,400 11,600 26,600 11,100 133,000	27.1 29.0 30.8 31.1 22.4 30.7 30.2 23.0 28.9	121,950 176,900 1,148,840 634,440 344,960 356,120 803,320 255,300 3,841,830	3,780 5,160 31,380 17,200 12,980 9,750 22,420 9,330 112,000	27.7 24.5 27.5 27.9 18.0 28.0 25.3 20.8 25.4	104,710 126,420 862,950 479,880 233,640 273,000 567,230 194,060 2,841,890	
DISTRICT VI Arenac Bay Huron Saginaw Sanilac Tuscola Total	5,400 17,800 18,800 36,300 21,600 28,100 128,000	27.1 25.3 33.0 29.7 26.5 28.2 28.6	146,340 450,340 620,400 1,078,110 572,400 792,420 3,660,010	5,330 17,620 18,610 35,930 21,420 27,900 126,810	27.1 24.5 32.2 29.6 25.8 26.5 27.8	144,440 431,690 599,240 1,063,530 552,640 739,350 3,530,890	
DISTRICT VII Allegan Berrien Cass Kalamazoo Kent Ottawa Van Buren Total	43,500 31,700 35,400 28,400 31,500 34,900 31,600 237,000	27.2 31.6 30.8 27.2 33.1 30.0 29.6 29.8	1,183,200 1,001,720 1,090,320 772,480 1,042,650 1,047,000 935,360 7,072,730	39,590 28,800 32,250 25,800 28,630 31,770 28,770 215,610	18.0 21.2 18.3 16.3 23.4 18.6 17.4	712,620 610,560 590,170 420,540 669,940 590,920 500,600 4,095,350	
DISTRICT VIII Barry Branch Calhoun Clinton Eaton Hillsdale Ingham Ionia Jackson St. Joseph Shlawassea Total	22,700 39,400 38,300 30,200 28,100 44,100 27,200 29,700 35,500 38,900 24,900 359,000	33.2 33.6 33.0 33.1 36.8 34.6 37.7 32.2 32.0 26.7 32.9 33.1	753,640 1,323,840 1,263,900 999,620 1,034,080 1,525,860 1,025,440 956,340 1,136,000 1,038,630 819,210 11,876,560	20,620 35,790 34,780 27,470 25,570 40,060 24,700 26,980 32,260 35,370 22,630 326,230	24.2 23.7 23.5 25.0 31.2 26.3 31.3 22.3 21.1 14.7 24.2 24.0	499,000 848,220 817,330 686,750 797,780 1,053,580 773,110 601,650 680,690 519,940 547,650 7,825,700	
DISTRICT IX Genesee Lapeer Lenawee Livingston Macomb Monroe Oakland St. Clair Washtenaw Wayne Total	21,100 22,800 75,200 19,300 20,800 48,300 16,600 17,800 40,000 15,100 297,000	29.2 29.0 37.6 29.5 28.0 38.5 29.0 28.6 36.1 29.6 33.7	616,120 661,200 2,827,520 569,350 582,400 1,859,550 481,400 509,080 1,444,000 446,960 9,997,580	21,510 23,220 76,660 19,620 21,180 49,190 16,920 18,190 40,730 15,380 302,600	27.7 25.9 30.1 23.5 27.0 39.0 25.1 27.8 33.6 25.2 30.2	595,830 601,400 2,307,470 461,070 571,860 1,918,410 424,690 505,680 1,368,530 387,580 9,142,520	
STATE TOTAL	1,288,000	31.0	39,928,000	1,197,000	25.0	29,925,000	

<u> </u>	1930			1931		
District and county	Acreage planted for all purposes	Tield per planted acre	Total production	Acreage planted for all purposes	Tield per planted acre	Total production
	Acres	Bushels	Bushels	Acres	Bushels	Bushels
DISTRICT I						
Baraga	50	17.2	860	60	31.5	1,890
Chippewa	40	18.7	750	50	35.7	1,780
Delta Dickinson	1,000 500	20.2 20.1	20,200	1,600	26.8 15.8	42,880 11,690
Gogebic	140	24.2	3,390	180	28.3	5,090
Houghton	150	14.2	2,130	150	26.2	3,930
Iron Keweenaw	80	15.6	1,250	100	28.7	2,870
Ince	100	24.6	2,460	150	33.2	4,980
Mackinac	20	25.5	510	40	27.4	1,100
Marquette	100	22.3	2,230	150	23.6	3,540
Menominee Ontonagon	4,000	21.7 27.0	86,800 1,620	6,000	33.4 19.8	200,400
Schoolcraft	10	25.0	250	20	22.5	450
Total	6,250	21.2	132,500	9,300	30.3	281,790
DISTRICT II						222 242
Antrim Benzie	5,000 3,200	21.4 18.6	107,000 59,520	6,200 3,800	33.7 26.2	208,940 99,560
Charlevoix	3,200	29.2	96,360	4,500	41.3	185,850
Emmet	2,600	17.3	44,980	3,500	28.5	99,750
Grand Traverse	9,000	24.4	219,600	10,500	27.2	285,600
Kalkaska Leelanau	3,800 5,700	17.5 23.6	66,500 134,520	4,400	30.8 33.9	135,520 233,910
Manistee	8,100	20.6	166,860	9,400	32.0	300,800
Missaukee	6,400	21.2	135,680	7,300	26.3	191,990
Wexford	7,400	20.5	151,700	8,300	25.9	214,970
Total	54,500	21.7	1,182,720	64,800	30.2	1,956,890
DISTRICT III						
Alcona Alpena	630 940	20.6 21.7	12,980 20,400	610 860	27.7 30.6	16,900 26,320
Cheboygan	1,400	19.6	27,440	1,700	29.5	50,150
Crawford	270	22.4	6,050	320	28.9	9,250
Iosco	2,000	20.3	40,600	1,700	32.0	54,400
Montmorency Ogemaw	570 3,000	21.5 19.4	12,260 58,200	580 3,200	33.4 26.9	19,370 86,080
Oscoda	370	16.5	6,100	360	20.3	7,310
Otsego	1,100	17.5	19,250	1,400	28.5	39,900
Presque Isle Roscommon	640 230	24.5 12.8	15,680 2,940	600 270	28.4 27.4	17,040 7,400
Total	11,150	19.9	221,900	11,600	28.8	334,120
DISTRICT IV						
Lake	2,900	18.4	53,360	3,400	23.0	78,200
Mason Muskegon	8,000 9,700	23.3 24.1	186,400 233,800	9,500 11,400	26.6 26.0	252,700 296,400
Newaygo	14,700	20.4	299,900	17,200	24.7	424,840
Oceana	11,400	19.4	221,160	13,500	22.7	306,450
Total	46,700	21.3	994,620	55,000	24.7	1,358,590

	1930			1931		
District and county	Acreage planted for all purposes	Yield per planted acre	Total production	Acreage planted for all purposes	Yield per planted acre	Total production
	Acres	Bushele	Bushels	Acres	Bushels	Bughels
DISTRICT V Clare Gladwin Gratiot Isabella Mecosta Midland Montcalm Osceola Total	3,900 5,300 33,600 18,200 13,800 10,000 24,000 9,900 118,700	20.9 24.0 27.2 23.0 19.1 28.2 19.8 16.2 23.2	112,710 127,200 913,920 418,600 263,600 282,000 475,200 160,400 2,753,630	5,000 6,900 41,500 22,800 17,200 12,900 29,700 12,300 148,300	29.2 27.0 32.6 28.1 25.2 31.6 25.2 26.5 28.6	146,000 186,300 1,352,900 640,680 433,450 407,640 748,450 325,950 4,241,370
Total	110,700	20.2	2, 100,000	140,500	2000	4,241,370
DISTRICT VI Arenac Bay Huron Saginaw Sanilac Tuscola Total	5,400 18,200 20,100 37,400 23,100 29,000 133,200	23.6 26.8 30.5 25.8 23.4 24.7 25.9	127,440 487,760 613,050 964,920 540,550 716,300 3,450,020	6,600 21,600 22,900 44,200 26,300 34,300 155,900	29.7 31.3 37.6 34.4 31.1 33.1 33.4	196,020 676,080 861,050 1,520,480 817,930 1,135,330 5,206,890
DISTRICT VII Allegan Berrien Cass Kalamazoo Kent Ottawa Van Buren Total	43,500 32,300 35,800 27,900 30,900 34,300 31,600 236,300	22.3 24.6 20.7 18.6 20.3 25.2 18.6 21.6	970,050 794,600 741,060 518,940 627,300 864,360 587,760 5,104,070	49,900 36,300 40,600 32,600 36,100 40,100 36,300 271,900	22.3 27.3 23.4 21.9 26.7 27.9 20.1 24.2	1,112,770 991,000 950,040 713,940 963,870 1,118,800 729,630 6,580,050
DISTRICT VIII Barry Branch Calhoun Clinton Eaton Hillsdale Ingham Ionia Jackson St. Joseph Shiawassee Total	22,700 38,300 37,600 30,500 28,100 42,500 26,900 30,200 34,500 38,200 24,200 353,700	18.7 19.8 19.7 22.6 22.6 20.7 21.5 18.4 18.6 15.8 20.5	424,500 758,340 740,720 689,300 635,060 879,750 578,350 555,700 641,700 603,560 496,100 7,003,080	26,600 46,200 44,900 35,500 33,000 51,700 31,900 34,800 41,700 45,700 29,200 421,200	21.3 29.9 29.0 32.1 31.9 33.7 33.9 24.4 29.1 23.6 29.1	566,580 1,381,380 1,302,100 1,139,550 1,052,700 1,742,300 1,081,410 849,120 1,213,470 1,078,520 849,720 12,256,850
DISTRICT IX Genesee Lapeer Lenawee Livingston Macomb Monroe Oakland St. Clair Washtenaw Wayne Total	22,800 25,300 80,500 20,600 23,100 51,600 17,900 20,000 42,400 16,300 320,500	22.7 24.7 25.0 17.0 22.6 25.0 19.3 24.5 20.8 18.7 22.9	517,560 624,910 2,012,500 350,200 522,060 1,290,000 345,500 490,000 881,920 304,810 7,339,460	26,500 28,700 94,700 24,300 26,200 60,800 21,000 22,500 50,300 19,000 374,000	27.8 29.6 32.8 23.9 27.3 36.7 25.2 30.3 33.1 28.2 31.1	736,700 849,520 3,106,160 580,770 715,260 2,231,360 529,200 681,750 1,664,930 535,800 11,631,450
STATE TOTAL	1,281,000	22.0	28,182,000	1,512,000	29.0	43,848,000

1932 1933 Acreage Yield Acreage Tield District planted Total planted Total per per and for all planted production for all planted production county purposes acre purposes acre Acres Bushels Bushels Bushels Acres Bushels DISTRICT I Alger 120 20.8 2,700 32.4 3,890 130 Baraga 400 26.4 10,560 490 18.2 8,920 Chippewa 240 24.6 5,900 320 20.5 6,560 Delta 20.1 2,330 30.2 70,370 2,630 52,860 1,050 Dickinson 28.6 30.030 19.4 25,800 1,330 3,200 Gogebic 100 32.0 130 24.0 3,120 Houghton 23.0 14,490 15,390 630 810 19.0 Iron 140 19.5 2,730 180 17.5 3,150 Keweenaw 8,950 17.9 Luce 450 500 34.1 15,340 7,990 36.3 Mackinac 220 250 24.2 6,050 Marquette 220 30.5 6,710 250 20.4 5,100 Menominee 7,400 236,800 8,500 22.0 187,000 32.0 9,640 Ontonagon 270 35.7 340 26.4 8,980 Schoolcraft 4,360 140 21.5 3,010 130 33.5 Total 13,700 16,000 337,590 30.8 422,010 21.1 DISTRICT II Antrim 7,200 35.8 257,760 7,700 22.8 175,560 4,600 Benzie 4,400 33.2 146,080 19.1 87,860 Charlevoix 5,300 37.3 197,690 5,500 27.9 153,450 4,700 166,850 4,800 25.6 122,880 Emmet 35.5 Grand Traverse 10,800 10,800 25.9 279,720 35.8 386,640 Kalkaska 5,200 5,300 16.8 89,040 24.8 128,960 6,600 6,600 Leelanau 39.9 263,340 25.9 170,940 Manistee 10,800 32.0 345,600 10,900 19.1 208,190 9,100 8,900 28.3 251,870 Missaukee 32.2 293,020 282,450 Wexford 10,700 29.9 319,930 10,500 26.9 74,800 33.5 2,505,870 75,600 24.1 1,821,960 Total DISTRICT III 1,700 31.8 54,060 2,230 33.8 75,370 Alcona 70,400 2,800 29.0 81,200 Alpena 2,200 32.0 3,100 3,400 Cheboygan 33.7 104,470 30.8 104,720 Crawford 600 34.1 20,460 640 25.0 16,000 2,700 71,000 102,370 26.3 2,900 35.3 Iosco 1,400 37.6 52,640 1,580 29.6 46,770 Montmorency 4,700 31.2 . 146,650 4,900 26.2 128,380 Ogemaw 25,040 1,060 25,970 24.5 Oscoda 800 31.3 2,300 57,060 Otsego 27.7 63,710 2,310 24.7 Presque Isle 1,800 39.7 71,460 2,110 32.7 69,000 9,030 11,440 370 24.4 Roscommon 400 28.6 28.4 684,500 Total 21,900 33.0 722,700 24,100 DISTRICT IV 4,400 107,550 Lake 27.0 118,800 4,500 23.9 Mason 11,600 34.6 401,360 12,000 33.6 403,200 27.0 334,800 11,800 30.2 356,350 Muskegon 12,400 Newaygo 20,100 31.9 641,190 20,100 28.8 578,880 16,600 Oceana 16,600 33.8 561,080 28.8 478,060 Total 65,100 31.6 2,057,230 65,000 29.6 1,924,040

	1932			1933		
District and county	Acreage planted for all purposes	Yield per planted acre	Total production	Acreage planted for all purposes	Yield per planted acre	Total production
			Proholo	-		Probein
DICEDIAN W	Acres	Bushels	Bushels	Acres	Bushels	Bushels
DISTRICT V	6 900	F2 3	033 400	6 700	77.4	227 720
Clare	6,800	31.1	211,480	6,700	33.4	223,780
Gladwin	10,100	32.8	331,280	9,000	31.3	281,700
Gratict	36,800	37.4	1,376,320	36,400	33.7	1,226,680
Isabella	23,900	36.0	860,400	24,400	30.3	739,320 567,760
Mecosta	18,400	30.0	552,000	18,800	30.2	
Midland Montcalm	15,100	34.4	519,440	13,700	37.7 28.2	516,490 817,800
Osceola	28,100 14,000	31.0	871,100	29,000	28.5	•
Total	153,200	29.3 33.5	410,200 5,132,220	13,900	31.4	396,150 4,769,680
DISTRICT VI						
Arenac	9,600	29.3	281,280	8,500	28.2	239,700
Bay	19,500	43.5	848,250	17,700	31.3	554,000
Huron	20,300	41.7	846,510	20,500	34.4	705,200
Saginaw	42,500	43.7	1,857,250	40,100	34.5	1,383,450
Sanilac	31,000	34.1	1,057,100	30,400	29.0	881,600
Tuscola	33,400	40.3	1,346,020	31,500	31.1	979,650
Total	156,300	39.9	6,236,410	148,700	31.9	4,743,600
DISTRICT VII						
Allegan	52,100	33.6	1,750,560	51,100	29.8	1,522,780
Berrien	38,100	34.3	1,306,830	37,400	31.7	1,185,580
Cass	40,600	30.4	1,234,240	39,400	28.5	1,122,900
Kalamazoo	32,700	32.0	1,046,400	32,100	32.3	1,036,830
Kent	39,900	37.4	1,492,260	38,700	25.8	998,460
Ottawa	40,900	37.2	1,521,480	38,600	26.6	1,026,760
Van Buren	41,200	32.2	1,326,640	40,400	29.4	1,187,760
Total	285,500	33.9	9,678,410	277,700	29.1	8,081,070
DISTRICT VIII Barry	25,200	36.3	914,770	25,000	33.2	830,000
Branch	42,800	33.5	1,433,800	42,400	29.5	1,250,800
Calhoun	45,800	35.3	1,616,750	44,900	32.1	1,441,280
Clinton	32,000	35.2	1,126,400	31,100	34.2	1,063,600
Eaton	33,600	33.1	1,112,160	33,300	33.8	1,125,540
Hillsdale	50,800	35.5	1,803,410	50,300	31.5	1,584,450
Ingham	30,900	35.0	1,081,500	30,000	31.9	957,000
Ionia	30,700	32.5	997,750	30,700	29.4	902,550
Jackson	41,100	35.2	1,446,730	39,100	34.0	1,329,400
St. Joseph	42,900	31.8	1,364,220	42,900	28.6	1,226,940
Shiawassee	28,600	41.1	1,175,460	26,700	32.0	854,400
Total	404,400	34.8	14,072,950	396,400	31.7	12,565,960
DISTRICT IX						
Genesee	32,000	36.8	1,177,600	29,000	31.2	904,800
Lapeer	29,000	36.4	1,055,600	27,400	32.7	895,980
Lenawee	74,900	36.7	2,748,830	75,600	34.7	2,623,320
Livingston	26,100	35.8	934,380	25,100	31.1	780,610
Macomb	26,500	30.2	800,300	23,900	31.5	752,850
Monroe	56,300	37.4	2,105,620	57,400	37.7	2,163,980
Oakland	29,100	35.1	1,021,410	27,200	30.2	821,440
St. Clair	28,100	34.2	961,020	26,800	33.5	897,800
Washtenaw	47,600	36.9	1,756,440	46,200	34.1	1,575,420
Wayne	17,500	33.2	581,000	17,000	29.2	496,400
Total	367,100	35.8	13,142,200	355,600	33.5	11,912,600

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District and county	Acreage planted for all purposes	Yield per planted acre	Total production	Acreage planted for all purposse	Yield per planted acre	Total production
DISTRICT I	Acres	Bushels	Bushels	ACTOS	Bushels	Bushels
Alger Baraga Chippewa Delta Dickinson Gogebic Houghton Iron Keweenaw	140 550 430 2,550 1,430 160 1,020 210	18.7 17.1 12.4 20.2 19.6 21.6 9.4 8.3	2,620 9,400 5,330 51,510 28,030 3,460 9,590 1,740	100 350 470 2,200 1,240 200 1,000 270	27.9 27.7 28.8 28.0 26.0 30.9 27.6 28.5	2,790 9,700 13,540 61,600 32,240 6,180 27,600 7,700
Luce Mackinac Marquette Menominee Ontonagon Schoolcraft	530 370 260 8,420 430	18.5 25.7 21.6 21.3 28.3 21.2	9,800 9,510 5,620 179,350 12,170 3,180	480 260 210 7,000 360 160	25.4 31.2 27.9 28.6 30.7 28.4	12,190 8,110 5,860 200,200 11,050 4,540
Total	16,650	19.9	331,310	14,300	28.2	403,300
DISTRICT II Antrim Benzie Charlevoix Emmet Grand Traverse Kalkaska Leelanau Manistee Missaukee Wexford	8,570 5,100 6,320 5,830 12,620 6,210 7,060 11,600 10,400 12,140	17.6 17.3 27.7 24.0 22.6 17.1 27.2 15.6 11.7 12.9	150,830 88,230 175,060 139,920 285,210 106,190 192,030 180,960 121,680 156,610	9,000 4,500 6,300 5,900 12,500 6,200 7,500 11,200 10,300 11,600	27.8 23.0 32.6 30.6 30.0 26.1 30.5 25.1 33.2 23.9	250,200 103,500 205,380 180,540 375,000 161,820 228,750 281,120 341,960 277,240
Total	85,850	18.6	1,596,720	85,000	28.3	2,405,510
DISTRICT III Alcona Alpena Cheboygan Crawford Iosco Montmorency Ogemaw Oscoda Otsego Presque Isle Roscommon	3,260 3,760 4,480 810 4,280 1,980 7,110 1,330 2,660 2,810 520	24.1 23.5 20.6 20.4 21.9 23.6 19.7 17.7 17.0 27.5	78,570 88,360 92,290 16,520 93,730 46,730 140,070 23,540 45,220 77,280 7,800	3,000 3,700 4,200 890 4,600 1,910 6,600 1,580 2,580 2,420 520	35.4 34.5 30.6 29.0 32.5 34.5 31.5 28.6 27.7 36.2	106,200 127,650 128,520 25,810 149,500 65,900 207,900 45,190 71,470 87,600 14,660
Total	33,000	21.5	710,110	32,000	32.2	1,030,400
DISTRICT IV Lake Mason Muskegon Newaygo Oceana	4,870 11,990 12,560 22,340 16,980	15.2 19.4 20.4 17.2 17.9	74,020 232,610 256,220 384,250 303,940	5,100 11,900 11,900 17,300 16,800	28.3 33.8 32.0 30.9 31.1	144,330 402,220 380,800 534,570 522,480
Total	68,740	18.2	1,251,040	63,000	31.5	1,984,400

District and county	Acresse planted for all purposes	Yield per planted acre	Total production	Acresse planted for all purposes	Yield per planted acre	Total production
	Acres	Bushels	Bushels	Acres	Bushels	Bushels
DISTRICT V Clare Gladwin Gratiot Isabella Mecosta Midland Montcalm Osceola Total	8,130 10,510 41,050 27,770 20,250 15,210 32,970 15,770 171,660	28.0 21.3 24.1 20.9 13.4 26.9 14.7 14.0 19.8	227,640 223,860 989,300 580,390 271,350 409,150 484,660 220,780 3,407,130	7,800 10,400 41,100 27,400 19,400 15,200 31,300 15,400 168,000	32.4 35.1 41.1 37.4 31.4 34.9 32.3 28.0 35.2	252,720 365,040 1,689,210 1,024,760 609,160 530,480 1,010,990 431,200 5,913,560
DISTRICT VI Arenac Bay Huron Saginaw Sanilac Tuscola Total	9,440 20,380 23,080 46,640 35,800 36,590 171,930	25.7 35.0 37.1 28.5 32.0 28.5 31.0	242,610 713,300 856,270 1,329,240 1,145,600 1,042,820 5,329,840	9,200 21,300 23,900 48,100 32,500 38,400 173,400	33.0 38.2 40.5 40.4 34.0 36.1 37.6	303,600 813,660 967,950 1,943,240 1,105,000 1,386,240 6,519,690
DISTRICT VII Allegan Berrien Cass Kalamazoo Kent Ottawa Van Buren Total	50,110 35,290 37,210 30,050 38,300 38,620 38,480 268,060	18.8 14.3 15.7 15.2 20.3 20.3 13.2	942,070 504,650 584,200 456,760 777,490 783,990 507,940 4,557,100	49,600 33,300 40,000 34,500 40,600 39,900 38,200 276,100	34.7 34.2 33.4 35.2 33.7 35.5 27.6 33.5	1,721,120 1,138,860 1,336,000 1,214,400 1,368,220 1,416,450 1,054,320 9,249,370
DISTRICT VIII Barry Branch Calhoun Clinton Eaton Hillsdale Ingham Ionia Jackson St. Joseph Shiawassee Total	25,570 39,290 41,210 34,560 33,000 44,940 32,280 33,400 39,110 38,650 32,540 394,550	17.3 16.1 20.4 26.6 24.2 19.8 23.7 22.1 21.8 11.0 24.1 20.5	442,360 632,570 840,680 919,300 798,600 889,810 765,040 738,140 852,600 425,150 784,210 8,088,460	28,200 44,200 44,100 36,100 36,800 50,300 37,500 35,600 44,500 43,500 43,500 435,800	38.2 35.4 39.1 44.1 38.0 39.4 39.9 38.5 40.3 30.4 37.9 38.2	1,077,240 1,564,680 1,724,300 1,592,000 1,398,400 1,981,820 1,496,250 1,370,600 1,370,600 1,322,400 1,326,500 16,647,540
DISTRICT IX Genesee Lapeer Lenawee Livingston Macomb Monroe Oakland St. Clair Washtenaw Wayne Total	34,280 34,220 70,050 26,420 30,260 54,160 30,520 33,990 46,680 16,980 377,560	28.8 33.6 27.0 22.1 29.9 27.5 21.6 35.5 25.5 23.3 27.7	987,260 1,149,790 1,891,350 583,880 904,770 1,489,400 659,230 1,206,640 1,190,340 395,630 10,458,290	38,900 35,700 79,100 30,100 32,800 59,100 34,700 34,400 54,300 20,300 419,400	36.9 38.9 43.6 37.0 38.6 43.6 37.3 33.7 41.1 38.3	1,435,400 1,388,730 3,448,760 1,113,700 1,266,080 2,576,760 1,294,300 1,159,280 2,231,730 777,490 16,692,230
STATE TOTAL	1,588,000	22.5	35,730,000	1,667,000	36.5	60,846,000

	1	1936			1937	
District and county	Acreage planted for all purposes	Yield per planted acre	Total production	Acreage planted for all purposes	Yield per planted acre	Total production
	Acres	Bushels	Bushels	Acres	Bushels	Bushels
DISTRICT I	70	16.0	1,120	70	30.0	2,100
Baraga	210	17.7	3,720	150	24.0	3,600
Chippewa	360	16.1	5,800	560	22.0	12,320
Delta	1,850	19.7	36,440	1,810	29.0	52,490
Dickinson	1,270	17.7	22,480	970	27.0	26,190
Gogebic	180	18.2	3,280	130	31.0	4,030
Houghton	580	17.5	10,150	220	24.0	5,280
Iron	170	17.5	2,980	120	20.0	2,400
Keweenaw	-	-	-	-	-	-
Luce	470	17.0	7,990	680	27.0	18,360
Mackinac	150	21.1	3,160	470	28.0	13,160
Marquette	70	16.0	1,120	120	27.0	3,240
Menominee	5,710	20.2	115,340	6,380	29.8	190,120
Ontonagon	120	20.5	2,460	100	32.0	3,200
Schoolcraft	140	21.1	2,950	220	27.0	5,940
Total	11,350	19.3	218,990	12,000	28.5	342,430
DISTRICT II						
Antrim	8,200	21.3	174,660	8,400	31.0	260,400
Benzie	4,100	18.4	75,440	4,400	28.0	123,200
Charlevoix	6,000	30.2	181,200	6,000	35.0	210,000
Emmet	5,100	23.1	117,810	5,200	34.0	176,800
Grand Traverse	10,500	25.2	264,600	10,800	34.5	372,600
Kalkaska	5,300	18.3	96,990	6,200	26.0	161,200
Leelanau	6,800	31.3	212,840	6,400	35.0	224,000
Manistee	9,500	20.3	192,850	11,600	28.0	324,800
Missaukee	8,200	20.7	169,740	8,900	32.0	284,800
Wexford	8,900	18.2	161,980	8,100	31.5	255,150
Total	72,600	22.7	1,648,110	76,000	31.5	2,392,950
DISTRICT III Alcona	2 100	10.0	40.320	2,050	29.5	60,470
	2,100 2,350	19.2 18.1	42,540	2,900	31.0	89,900
Alpena Cheboygan	3,240	22.1	71,600	4,100	33.0	135,300
Crawford	860	19.5	16,770	500	29.0	14,500
Iosco	3,250	21.9	71,180	3,150	27.0	85,050
Montmorency	1,400	23.8	33,320	1,600	34.0	54,400
Ogemaw	5,090	26.7	135,900	5,500	35.0	192,500
Oscoda	1,080	17.9	19,330	1,400	29.0	40,600
Otsego	2,190	16.1	35,260	2,500	31.0	77,500
Presque Isle	1,970	22.8	44,920	1,850	37.0	68,450
Roscommon	420	14.7	6,170	450	27.0	12,150
Total	23,950	21.6	517,310	26,000	32.0	830,820
DICHDIAM III						
DISTRICT IV	7 700	36 3	50 000	4 000	23.0	92.000
Lake	3,720	16.1 22.7	59,890	4,000	28.5	92,000 302,100
Mason	10,590		240,390	9,700	27.0	261,900
Muskegon Newaygo	11,700	24.5 20.9	286,650 333,360	19,300	27.0	530,750
Oceana	15,950 14,840	20.9	323,510	13,400	27.0	361,800
Oceana	74, 04U	ST.0	020,010	10,700	21.00	501,000
Total	56,800	21.9	1,243,800	57,000	27.2	1.548.550

1937 1936 Acreage Yield District Acreage Tield planted per Total planted Total and per for all planted production for all planted county production purposes acre purposes acre Acres Bushels Bushels Acres Bushels Bushels DISTRICT V Clare 6,500 17.4 113,100 6,700 34.0 227,800 Gladwin 8,350 21.1 176,180 8,000 35.5 284,000 Gratict 38,400 30.7 43,800 1,178,880 1,576,800 36.0 Isabella 22,500 24.4 549,000 26,400 35.0 924,000 Macosta 16,000 24.3 388,800 17,100 30.0 513,000 Midland 13,650 29.6 404,040 14,000 32.0 448,000 Montcalm 27,100 22.4 607,040 28,500 31.0 883,500 Osceola 11,500 12,500 17.8 222,500 30.0 345,000 Total 145.000 25.1 3,639,540 156,000 33.3 5,202,100 DISTRICT VI Arenac 7,600 22.1 167,960 7,500 34.0 255,000 28.3 18,900 Bay 534,870 20,000 39.0 780,000 24,000 38.5 Huron 20,300 27.9 566,370 924,000 Saginaw 1,226,950 43,800 1,795,800 46,300 26.5 41.0 Sanilac 27,700 31,200 35.0 1,092,000 24.4 675,880 33,500 Tuscola 22.3 747,050 38,500 40.0 1,540,000 Total 154,300 25.4 3,919,080 165,000 38.7 6,386,800 DISTRICT VII 20.7 52,000 33.0 1,716,000 Allegan 48,400 1,001,880 19.3 34,200 660,060 Berrien 39,500 35.5 1,402,250 35,800 16.5 590,700 37,300 32.5 1,212,250 Cass 35.0 Kalamazoo 1,137,500 30,700 17.1 524,970 32,500 1,270,500 Kent 35,500 22.6 802,300 36,300 35.0 Ottawa 38,400 20.5 787,200 38,200 34.5 1,317,900 Van Buren 37,000 19.0 703,000 42,200 33.5 1,413,700 Total 260,000 5,070,110 278,000 34.1 9,470,100 19.5 DISTRICT VIII Barry 27,900 34.0 948,600 24,700 19.3 476,710 19.4 Branch 41,100 797,350 42,000 38.5 1,617,000 Calhoun 41,800 24.1 1,007,380 41,900 39.0 1,634,100 38.0 Clinton 33,000 31.2 1,535,200 1,029,600 40,400 Eaton 938,000 41,100 37.5 1,541,250 33,500 28.0 Hillsdale 27.4 1,230,260 50,100 36.0 1,803,600 44,900 1,474,600 Ingham 33,000 27.0 891,000 40,400 36.5 1,513,200 Ionia 32,400 22.8 738,720 38,800 39.0 39,000 25.2 982,800 Jackson 38,400 37.0 1,420,800 38,800 32.5 1,261,000 St. Joseph 40,400 14.5 585,800 34,200 38.0 1,299,600 Shiawassee 31,000 27.0 837,000 394,800 Total 24.1 9,514,620 434,000 37.0 16,048,950 DISTRICT IX 36,700 37.5 1,376,250 Genesee 32,200 28.7 924,140 Lapeer 30,300 30.5 924,150 33,200 38.0 1,261,600 2,484,000 2,311,760 78,100 29.6 72,000 34.5 Lenawee 542,820 28,800 31.5 907,200 Livingston 24,900 21.8 33,200 30,300 1,181,700 1,112,200 39.0 Macomb 33.5 60,300 Monroe 32.6 1,965,780 56,200 37.0 2,079,400 Oakland 28,700 24.1 691,670 32,600 32.0 1,043,200 St. Clair 800,900 31,900 31.0 988,900 28,300 28.3 1,267,000 43,700 1,507,650 Washtenaw 47,100 26.9 34.5 597,400 29.0 Wayne 18,100 24.2 438,020 20,600 Total 381,200 10,978,440 386,000 34.8 13,427,300 28.8 STATE TOTAL 1,500,000 36,750,000 1,590,000 35.0 55,650,000 24.5

1939 (Preliminary)

		1938		1939	(Prelimin	ary)
District and county	Acreage planted for all purposes	Yield per planted acre	Total production	Acreage planted for all purposes	Yield per planted acre	Total production
	Acres	Bushels	Bushels	Acres	Bushels	Bushels
DISTRICT I Alger Baraga Chippewa Delta Dickinson Gogebic	80 130 600 1,520 1,050	23.0 25.0 22.0 28.5 25.0 29.0	1,840 3,250 13,200 54,720 26,250 3,480	70 120 540 1,800 990 110	26.0 24.1 24.3 29.5 27.4 28.6	1,820 2,890 13,120 53,100 27,130 3,150
Houghton Iron Keweenaw	200 110 -	24.5 21.0	4,900 2,310	180 100 -	27.9 23.2	5,020 2,320
Luce Mackinac Marquette Menominee Ontonagon Schoolcraft	750 520 130 6,800 90 200	25.5 27.1 26.0 29.5 29.5 28.0	19,125 14,090 3,380 200,600 2,655 5,600	580 400 120 5,950 110 180	28.2 28.8 24.2 30.4 26.6 27.2	16,360 11,520 2,900 180,880 2,930 4,900
Total	12,700	28.0	355,400	11,250	29.2	328,040
DISTRICT II Antrim Benzie Charlevoix Emmet Grand Traverse Kalkaska Leelanau Manistee Missaukse Wexford Total	8,500 4,400 6,200 5,400 10,900 6,100 6,800 11,700 8,900 8,600	28.0 27.0 32.0 31.0 30.0 25.0 30.0 29.0 30.5 27.5	238,000 118,800 198,400 167,400 327,000 152,500 204,000 339,300 271,450 236,500 2,253,350	8,060 4,200 5,930 5,580 10,670 6,010 6,400 10,130 9,270 9,000 75,250	30.3 25.6 34.3 31.8 29.4 24.3 31.6 27.5 24.4 25.6	244,220 107,520 203,400 177,440 313,700 146,040 202,240 278,580 226,190 230,400
DISTRICT III Alcona Alpena Cheboygan Crawford Iosco Montmorency Ogemaw Oscoda Otsego Presque Isle Roscommon	2,300 3,200 4,200 550 3,400 1,700 5,500 1,600 2,600 2,000 450	34.5 32.0 31.0 28.9 30.0 29.0 29.0 26.0 29.5 32.0 26.0	79,350 102,400 130,200 15,900 102,000 49,300 159,500 41,600 76,700 64,000 11,700	2,520 3,390 4,110 600 3,610 1,860 5,740 1,460 2,640 2,050 520	31.5 32.8 27.9 26.8 31.0 28.5 27.1 23.9 22.2 28.8 21.8	79,380 111,190 114,670 16,080 111,910 53,010 155,550 34,890 58,610 59,040 11,340
Total	27,500	30.3	832,650	28,500	28.3	805,670
Lake Mason Muskegon Newaygo Oceana	4,100 11,200 10,100 19,900 14,500	29.0 33.5 32.0 36.0 36.0	118,900 375,200 323,200 716,400 522,000	4,270 11,240 9,900 21,280 14,210	26.6 30.6 31.3 31.4 29.8	113,580 343,940 309,870 668,190 423,460
Total	59,800	34.4	2,055,700	60,900	30.5	1,859,040

1938 1939 (Preliminary) Yield Yield Acreage Acreage District per planted Total planted Total and per planted for all planted production for all production county purposes acre purposes acre Acres Bushels Bushels Acres Bushels Bushels DISTRICT V 179,400 7,100 27.8 197,380 Clare 6,900 26.0 8,200 10,000 293,000 Gladwin 32.0 262,400 29.3 Gratiot 43,200 1,533,600 46,100 38.3 1,765,630 35.5 Isabella 25,500 867,000 27,400 37.5 1,027,500 34.0 572,800 17,900 Mecosta 16,800 32.0 537,600 32.0 Midland 13,700 452,100 15,400 35.0 539,000 33.0 27,800 1,079,700 931,300 30,500 35.4 Montcalm 33.5 12,100 32.3 390,830 319,200 Osceola 11,400 28.0 35.2 5,865,840 5,082,600 166,500 153,500 33.1 Total DISTRICT VI 7,200 28.5 205,200 8,300 34.0 282,200 Arenac 32.0 Bay 19,000 608,000 19,350 37.6 727,560 22,100 Huron 32.0 707,200 22,300 36.1 805,030 41,600 43.1 1,831,750 Saginaw 1,664,000 42,500 40.0 Sanilac 30,200 31.0 936,200 28,900 37.0 1,069,300 Tuscola 37,000 33.0 1,221,000 39,550 38.0 1,502,900 Total 157,100 5,341,600 160,900 38.6 6,218,740 34.0 DISTRICT VII 51,500 Allegan 35.0 1,802,500 46,500 36.2 1,683,300 Berrien 38,000 29.0 1,102,000 36,100 42.5 1,534,250 34,000 43.5 1,479,000 Cass 35,100 32.0 1,123,200 Kalamazoo 31,100 36.0 1,119,600 32,600 41.0 1,336,600 36,300 1,495,560 Kent 34,600 36.0 1,245,600 41.2 36,500 37.1 Ottawa 1,354,150 37,900 37.0 1,402,300 1,421,130 1,215,000 Van Buren 40,500 30.0 38,100 37.3 39.6 Total 268,700 260,100 10,303,990 33.5 9,010,200 DISTRICT VIII 42.3 Barry 27,600 1,035,000 27,800 1,175,940 37.5 38,700 1,911,780 Branch 39,500 37.5 1,481,250 49.4 Calhoun 41.9 1,709,520 40,200 42.5 1,708,500 40,800 Clinton 39.5 1,548,400 42,200 38.8 1,637,360 39,200 40,300 Eaton 40.5 1,632,150 41,400 36.7 1,519,380 45,900 47,700 43.8 Hillsdale 39.5 1,884,150 2,010,420 41,600 1,643,200 1,474,200 Ingham 39.5 40,500 36.4 Ionia 37,300 40.5 1,510,650 39,000 36.2 1,411,800 38,500 35.6 1,370,600 Jackson 39,600 38.5 1,524,600 St. Joseph 36,500 32.5 1,186,250 34,100 41.2 1,404,920 1,350,560 Shiawassee 35,200 41.0 1,443,200 36,800 36.7 Total 425,700 39.9 16,976,480 424,700 39.1 16,597,350 DISTRICT IX Genesee 38,900 38.0 1,478,200 36,700 33.3 1,222,110 35,300 39.5 1,394,350 35,600 30.9 1,100,040 Lapeer Lenawee 74,600 43.2 3,234,000 3,222,720 73,500 44.0 Livingston 31,000 38.0 1,178,000 29,900 36.2 1,082,380 1,406,750 34.7 Macomb 33,100 42.5 31,800 1,103,460 Monroe 59,000 42.0 2,478,000 58,200 40.0 2,328,000 Oakland 36,000 38.0 1,368,000 32,700 31.9 1,043,130 33,000 33,600 1,344,000 St. Clair 1,049,400 40.0 31.8 Washtenaw 40.5 1,858,950 44,100 32.0 1,411,200 45,900 32.1 780,030 Wayne 34.5 765,900 22,200 24,300 Total 408,500 40.4 16,506,150 400,900 35.8 14,342,470 STATE TOTAL 1,590,000 36.5 58,035,000 1,590,000 37.0 58,830,000

